Appl. No. 10/810,296                    Reply to Phone Interview of Dec. 5, 2007
Dated Dec. 12, 2007

## REMARKS

According to the enclosed fax and communication of phone interview on December 5, 2007, the applicant has agreed to change several words in the claim 1 of said application, as indicated in this paper.

The changed words: *A multiparameter method of* ~~screening for the diagnosis, the prevention or the treatment~~ *evaluating disease risk, disease cause, therapeutic target, and therapeutic efficiency of atherosclerosis-related coronary heart disease (CHD) or stroke comprising;* which results in that the added words: evaluating disease risk, disease cause, therapeutic target, and therapeutic efficiency, are well consistent with the final results of the method of this invention, containing a total risk of the disease or a disease risk level, a primary therapy target of said disease, secondary therapy target of said disease and a therapeutic efficiency for the individual who requires the diagnosis, prevention or treatment of CHD, strokes or other atherosclerotic cardiovascular disease.

According to the office action on March 16, 2006: "In claim 1, parameters v, u, A, B and E are vague and indefinite as their precise meaning. Therefore,

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clearer claim wording is required", the claim 1 in currently presented claim of said application had amended as follows:

*Original location*: lines 20-25 in page 9 of claim 1 of said published application (US 2005/0216427 A1, Sep. 29, 2005)

*Original*: "wherein J = the mass transfer flux in $10^{-5}$ g/($cm^2$s), A, B and E = the variables that are independent of said atherosclerotic parameters, v and u = the variables related to said p and said a, D = the diffusion coefficient in $cm^2$/s, and g = the gravitational acceleration;"

*Amendment*: "wherein J = the mass transfer flux in $10^{-5}$ g/($cm^2$s), A, B and E = the constants of conversion factors, v = the eddy velocity of blood fluid in arterial vessels in cm/s, u = the mean velocity of the blood fluid in cm/s, D = the diffusion coefficient in $cm^2$/s, and g = the gravitational acceleration in cm/$s^2$;" as indicated in currently presented claim 1.

The examiner has acknowledged that this application is in condition for allowance except for the formal matters: the claims 11-18 are in improper multiple dependent form according to the enclosed office action summary of February 20, 2007.

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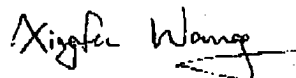Reply to Phone Interview of Dec. 5, 2007

Each of all independent claims in the currently presented claim of said application depends only from one claim.

Applicant respectfully request that a timely Notice of Allowance be issued in this case.

Thank you for your consideration.

Happy Holiday Season!

Respectfully submitted,

*Xingfu Wang*

Xing F. Wang, Ph.D.

Encl.: Fax dated 12/5/2007 (2 sheets)
       Office Action Summer dated 02/20/07(3 sheets)

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PAGE 9/14 * RCVD AT 12/12/2007 3:56:38 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/43 * DNIS:2738300 * CSID:5088310592 * DURATION (mm-ss):03-34

Claim 1 (previously presented) : A multiparameter method of evaluating risk of atherosclerosis-related coronary

heart disease (CHD) or stroke comprising;

* Defining the disease as atherosclerosis-related CHD or stroke;

* Defining the normal as free from said disease;

* defining the following parameters as atherosclerotic parameters consisting of c=the Low-density lipoprotein (LDL) concentration parameter in mg/dL or c=the C-reactive protein (CRP) concentration parameter in mg/L, p=the blood systolic pressure parameter in mmHg or p=the blood diastolic pressure parameter in mmHg, f=the heart rate parameter in $s^{-1}$, a=the radius parameter of arterial vessels in cm, T=the temperature parameter of blood plasma in °C., α=the angle parameter of arterial vessels in degree and z=the axial position parameter of diffusional flux in cm, called diffusional length;

* measuring for the disease, an individual having the measured values of said atherosclerotic parameters of the following expressions:

$$J = Ac^{\frac{11}{9}} (v^3 D^{16})^{\frac{1}{27}} \left( \frac{g\cos\alpha + fu}{z} \right)^{\frac{2}{9}} \text{ or}$$  (1.1)

$$J = Bc^{\frac{11}{9}} p^{\frac{1}{3}} T^{\frac{16}{27}} a^{\frac{2}{3}} f^{\frac{2}{9}} z^{-\frac{2}{9}} \text{ and}$$  (1.2)

$$J = Ec^{\frac{11}{9}} D^{\frac{16}{27}} z^{-\frac{2}{9}} (\cos\alpha)^{\frac{2}{9}}$$  (1.3)

wherein J the mass transfer flux in $10^{-5}$ g/(cm²s), A, B and E=the variables that are independent of said atherosclerotic parameters, v and u=the variables related to said p and said a, D=the diffusion coefficient in cm²/s, and g=the gravitational acceleration;

measuring for any not having the disease,

The individual having the normal values of said atherosclerotic parameters;

Determining the disease risks yielded by the difference between said measured values and said

normal values of said atherosclerotic parameters;

Adding all said disease risk level containing said total risk of said disease;

Determining a disease risk level containing said total risk of said disease;

Output said total risk to a user or a display.